

20010217.qrp v02_n101.qrl.20010217

Date: Sat, 17 Feb 2001 19:03:07 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2101

QRP-L Digest 2101

Topics covered in this issue include:

- 1) [91877] Re: SMK-1 on from ND tonight
by "Karl F. Larsen" <k5di@zianet.com>
- 2) [91878] WTB mini lathe, mill
by n2go@arrl.net
- 3) [91879] [OT] Solar cycle info
by "Russ Hines" <radioruss@fuse.net>
- 4) [91880] L. B. Cebik's Book
by "A Turner" <aturner13@triad.rr.com>
- 5) [91881] Re: SMK-1 on from ND tonight
by "George, W5YR" <w5yr@att.net>
- 6) [91882] Epiphyte III
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 7) [91883] Info vs smart answers
by Pete Burbank <plburbank@kih.net>
- 8) [91884] D68C
by "Pastor-KC1DI" <elbc@pivot.net>
- 9) [91885] FW: Weekend Aurora Watch
by "Ed Tanton" <n4xy@att.net>
- 10) [91886] RE: D68C
by "Ed Tanton" <n4xy@att.net>
- 11) [91887] Re: Beacon Keyer Help???
by Stephen M Smith <sigcom@juno.com>
- 12) [91888] Re: 2N4124
by "w8diz" <w8diz@cinci.rr.com>
- 13) [91889] Re: Beacon Keyer Help???
by Stephen M Smith <sigcom@juno.com>
- 14) [91890] RE: Morse Midi
by jacksonharbor@att.net
- 15) [91891] Re: Key Anti-Skid
by Doug <doug@ycsi.net>
- 16) [91892] Re: Safari-4
by Wayne Burdick <n6kr@elecraft.com>
- 17) [91893] Anti-Skid Material for Key
by ABCQRP <w6abc@yahoo.com>
- 18) [91894] Re: Anti-Skid Material for Key
by "Mike Yetsko" <myetsko@insydesw.com>
- 19) [91895] Re: Anti-Skid Material for Key

- by <baltimoremd@baltimoremd.com>
- 20) [91896] Beacon Keyer Help
by Fred Lesnick <flesnick@tbaytel.net>
 - 21) [91897] IOWA QRP-10A Update
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
 - 22) [91898] Re: [91824] Full Wave Loop
by Dan Halbert <halbert@bbn.com>
 - 23) [91899] Re: 2N4124
by "Brian Murrey" <bmurrey@amexol.net>
 - 24) [91900] tip3055
by Fran Flynn <fflynn@adelphia.net>
 - 25) [91901] Q-Dope
by "Andy Anderson" <aanderso@onramp.net>
 - 26) [91902] FS: MFJ-9420X & OHR QRP SPRINT
by RLucch2098@aol.com
 - 27) [91903] Re: A cool web browser
by "Wayne Barnhart" <wb7whi@home.com>
 - 28) [91904] Just read the QST review of the K2
by Dragon Singer <dragonsinger@earthlink.net>
 - 29) [91905] Re: 2N4124
by "Leon Heller" <leon_heller@hotmail.com>
 - 30) [91906] Updated Progressive Receiver Page
by Ed Kessler <edkess@epix.net>
 - 31) [91907] Re: Anti-Skid Material for Key
by "Marshall Emm" <mgemm@mtechnologies.com>
 - 32) [91908] QDOPE
by "Marshall Emm" <mgemm@mtechnologies.com>
 - 33) [91909] Re: Just read the QST review of the K2
by Jeff Logullo <logullo@earthlink.net>
 - 34) [91910] Re: Just read the QST review of the K2
by "Rod Cerkoney" <n0rc@hotmail.com>
 - 35) [91911] 40M Loop
by w6ors@juno.com
 - 36) [91912] Re: Anti-Skid Material for Key
by Brendan Minish <EI6IZ@oceanfree.net>
 - 37) [91913] Re: SMK-1 on from ND tonight
by "Karl F. Larsen" <k5di@zianet.com>
 - 38) [91914] Re: 40M Loop
by "K7FD N7SG" <cqdx@teleport.com>
 - 39) [91915] Re: Just read the QST review of the K2
by Phil Wheeler <w7ox@earthlink.net>
 - 40) [91916] Re: A cool web browser
by "Dan W. Dooley" <dandooley@pipeline.com>
 - 41) [91917] Don't wait till Sunday for contest
by Ed Lawson <elawson@lawson-philpot.com>
 - 42) [91918] Re: Beacon Keyer Help???
 - by Vance Huntsinger <vhuntsinger@iwiw.net>
 - 43) [91919] Re: Anti-Skid Material for Key

by Tom Popovic <ki3r@yahoo.com>
44) [91920] K1 vs
by "Richard Clemens" <clemens@wvwc.edu>
45) [91921] FS:NC20/40m,ATU,keys
by "Steve/n0tu" <n0tu@webaccess.net>
46) [91922] Full Wave Loop
by "Joe Trombino" <w2kj@earthlink.net>
47) [91923] Re: K1 vs
by Mike <mmorrow@companet.net>
48) [91924] Vectronics QRP Kits - crystal needed
by "Conant, Paul" <paul.conant@lmco.com>
49) [91925] MFJ 259B vs. Vectronics 584B
by "Mike D." <hrg@cifnet.com>
50) [91926] RS vs Heartland America power supply
by Michael Bower <bowerm@ix.netcom.com>
51) [91927] Re: Key Anti-Skid
by "Mike Branca" <w3irz@att.net>
52) [91928] Re: Anti-Skid Material for Key
by Bill Morgan <bill@bmorgan.com>
53) [91929] FS: Excellent Condition HTX-100
by jerry Albertin <kb2spg@juno.com>
54) [91930] Re: Updated Progressive Receiver Page
by mugglesto@ecentral.com
55) [91931] RE: A cool web browser
by "Roger A. McCarty" <rmccarty@earthlink.net>
56) [91932] Building a Norcal Doublet
by K9nk@aol.com
57) [91933] Re: MFJ 259B vs. Vectronics 584B
by MIKE SOUHRADA <wb9iog@revealed.net>
58) [91934] Portable Power Unit At Sears
by DYARNES@aol.com
59) [91935] **Last Call** for the QRPers Contest Calendar 2001
by "Ron Polityka" <wb3aal@fast.net>
60) [91936] [ANT] Inverted VEE question
by "Hans Kaper" <hanskap@kaper-1.tmfweb.nl>
61) [91937] Re: Just read the QST review of the K2
by Larry S Cahoon <wd3p@juno.com>
62) [91938] Re: [ANT] Inverted VEE question
by "Victor Blackwell" <victor@brecnet.com>
63) [91939] ARRL DX CONTEST - 40m
by "Adrian Weiss" <aweiss@usd.edu>
64) [91940] the Exchange
by Dragon Singer <dragonsinger@earthlink.net>
65) [91941] Re: the Exchange
by "Ron Polityka" <wb3aal@fast.net>
66) [91942] Re: A cool web browser
by "Don Wilhelm" <w3fpr@arrl.net>
67) [91943] Re: A cool web browser

by "Brian Murrey" <bmurrey@amexol.net>
68) [91944] Re: A cool web browser
by "Victor Blackwell" <victor@brecnet.com>
69) [91945] Re: Contest QSLs
by "Gary Lee Phillips" <ka9nzi@arrl.net>
70) [91946] Re: Anti-Skid Material for Key
by Brendan Minish <EI6IZ@oceanfree.net>
71) [91947] Re: ARRL DX CONTEST - 40m
by Steve Yates - AA5TB <aa5tb@arrl.net>
72) [91948] HB: Antenna Switch
by Monty N5FC <n5fc@io.com>
73) [91949] Re: Vectronics QRP Kits - crystal needed
by Anthony Bailey <abailey@clas.net>
74) [91950] Don't know which way is up??
by "Mike Yetsko" <myetsko@insydesw.com>
75) [91951] Re: RS vs Heartland America power supply
by K4IA@aol.com
76) [91952] Re: 901 DM MIC wiring
by RangerSF5@aol.com
77) [91953] FT-817 Measurements
by Wes Hayward <w7zoi@easystreet.com>
78) [91954] Re: RS vs Heartland America power supply
by rich a <rckchp@home.com>

Date: Fri, 16 Feb 2001 17:08:33 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Cc: <qrp-l@lehigh.edu>
Subject: [91877] Re: SMK-1 on from ND tonight
Message-ID: <Pine.LNX.4.31.0102161707070.802-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Doc it's hopeless. There are guys running 1500 watts on 7040 in some contest. Can't hear a thing but them!

On Fri, 16 Feb 2001, Wilford D. Lindsey wrote:

> Gang:
>
> I plan to be on the air tonight with the SMK-1 on about 7.039 or so. Will
> begin about 0000. Can't move much. If you hear me, please give a holler.
> The rig is putting out about 275 mW.
>
> 72,

> --Doc/K0EVZ

>

>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 16 Feb 2001 19:13:20 -0500 (EST)
From: n2go@arrl.net
To: qrp-l@Lehigh.EDU
Subject: [91878] WTB mini lathe, mill
Message-ID: <Pine.LNX.4.21.0102161908510.891-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone have a 7x10 or 7x12 Asian mini lathe that they have outgrown or otherwise excess to their needs? Also looking for accessories for same. Harbor freight has had them on sale once in a while. Also looking for a small milling machine to help in projects.

73,

Jim n2go

Date: Fri, 16 Feb 2001 19:09:20 -0500
From: "Russ Hines" <radioruss@fuse.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91879] [OT] Solar cycle info
Message-ID: <000901c09875\$e0baada0\$822d44d8@rbhines>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here's an interesting tidbit from (inserting legal biz) The ARRL Letter and The American Radio Relay League:

"A story on the Science@NASA Web site at http://science.msfc.nasa.gov/headlines/y2001/ast15feb_1.htm concerns the sun's magnetic poles' reversing during the peak of every solar cycle. The

article says that the switch has already happened and that this is a good indication that the peak of the solar cycle is here or perhaps has passed."

73,
Russ Hines
WB8ZCC
radiatoruss@fuse.net
wb8zcc@arrl.net
<http://home.fuse.net/radiatoruss>

Date: Fri, 16 Feb 2001 19:13:26 -0500
From: "A Turner" <aturner13@triad.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [91880] L. B. Cebik's Book
Message-ID: <014601c09876\$730a6d80\$a4611e01@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

L.B. Cebik's book on radio electronics, "Seven Steps to Designing Your Own Ham Equipment". This book is being published again. I wonder if anyone has read it and what your opinion is. I think it was originally published in the early 1980s.

thanks
Alex Turner - N4BYJ

Date: Fri, 16 Feb 2001 18:26:09 -0600
From: "George, W5YR" <w5yr@att.net>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91881] Re: SMK-1 on from ND tonight
Message-ID: <3A8DC521.C6A4D12D@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ARRL International DX Contest (CW) this weekend . . . should be some good

pickins for QRP later on, especially on Sunday afternoon.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

"Karl F. Larsen" wrote:

>

> Doc it's hopeless. There are guys running 1500 watts on 7040 in some
> contest. Can't hear a thing but them!

Date: Fri, 16 Feb 2001 19:36:51 -0500
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: qrp-l@lehigh.edu
Subject: [91882] Epiphyte III
Message-ID: <5.0.0.25.1.20010216193014.009ed8a0@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Build an Epiphyte III this week and boy does the 'lil rig work well. Runs about 8-10 watts PEP, and very clean if you don't push it too hard. I added a NN1G Freq-Mite for readout, and that is a nice addition to the package.

Thanks to Derry Spittle, VE7QK for a really nice design, and to the NorCal gang for putting the kits together. An outstanding SSB rig. I'd sure like to know where they came up with the CA3020 ICs. BTW, I used my favorite MOSFET for the final, an MTP3055E. I'm sure the IRF510 works well too, but I'll stick with the MTP3055E for linearity and frequency response.

Now to put it in a case so that it can travel to the various qrp gatherings, beginning with Atlanticon.

72 and kind regards to all,

Jim, K8IQY

Date: Fri, 16 Feb 2001 19:58:59 -0500
From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [91883] Info vs smart answers
Message-ID: <5.0.2.1.0.20010216194934.00a69950@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

This AM a normal question popped up on the list and I answered it briefly and to the point. After that there were lots of smart (????) replies about "oh no, not that thread again". This sort of thing IMHO is pretty negative and discourages folks from asking anything or contributing anything.
'Nuf said
Pete NV4V

Date: Fri, 16 Feb 2001 20:07:27 -0500
From: "Pastor-KC1DI" <elbc@pivot.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91884] D68C
Message-ID: <002d01c0987d\$ffa34d00\$3a11a1d0@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

doing the happy dance in Maine.
Worked D68C 2 watts on 30 Meters a few minutes ago.

Qrp is the best hi
72 Dave

Date: Fri, 16 Feb 2001 20:07:36 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [91885] FW: Weekend Aurora Watch
Message-ID: <CKEGICNFDIMCEKEDCEHFAEIHGBAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Uh oh...

> -----Original Message-----

> From: SpaceWeather.com [mailto:spaceweather@lists.spaceweather.com]

> Sent: Friday, February 16, 2001 6:34 PM

> To: SpaceWeather.com

> Subject: Weekend Aurora Watch

>

>

> Space Weather News for Friday, Feb. 16, 2001

> <http://www.spaceweather.com>

>

> SOHO coronagraphs spotted a full-halo solar coronal mass ejection on
> Thursday that appears to be Earth-bound. The expanding cloud will likely
> reach our planet during the weekend and could trigger geomagnetic activity
> when it arrives. High-latitude sky watchers should be alert for possible
> auroras. Meanwhile, in an unrelated development, NASA scientists say the
> Sun's enormous magnetic field is flipping! For more information please
> visit <http://www.spaceweather.com>

>

> ---

Date: Fri, 16 Feb 2001 20:15:38 -0500

From: "Ed Tanton" <n4xy@att.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [91886] RE: D68C

Message-ID: <CKEGICNFDIMCEKEDCEHFIEIHGBAA.n4xy@att.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Way to go Dave!... my friend (for whom I am QSL manager) Yoram, 4Z1GY,
worked 'em on 6 bands-including 6M!

73 Ed Tanton N4XY <n4xy@arrl.net>

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;

SEDXC NCDXA GACW QRP-ARCI

OK-QRP QRP-L #758 K2 (FT) #00057

///
> Subject: D68C
>
>
> doing the happy dance in Maine.
> Worked D68C 2 watts on 30 Meters a few minutes ago.
>
> Qrp is the best hi
> 72 Dave
>
>
>

Date: Fri, 16 Feb 2001 17:47:18 -0800
From: Stephen M Smith <sigcom@juno.com>
To: flesnick@tbaytel.net
Cc: qrp-l@Lehigh.EDU
Subject: [91887] Re: Beacon Keyer Help???
Message-ID: <20010216.174718.-1830885.2.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fred and Group,

Check out K1EL's site: He has a dedicated Beacon chip and at least 2 of his keyer chips have beacon mode. The K-ID beacon chip draws less than 5 mA according to the spec's.. Good stuff.

73.....Steve 'The Scrounger' Smith
WB6TNL Oxnard, CA USA
"snort rosin"

On Fri, 16 Feb 2001 17:49:18 -0500 Fred Lesnick <flesnick@tbaytel.net> writes:

> I wonder if anyone has any plans for a low current draw memory
> keyer
> that can be used for a beacon?

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 16 Feb 2001 20:49:25 -0500
From: "w8diz" <w8diz@cinci.rr.com>
To: <bmurrey@amexol.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [91888] Re: 2N4124
Message-ID: <00a501c09883\$db79bc60\$7ecd1b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

2n4124 are almost the same as 2N3904

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FPqrp#-1 <http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

----- Original Message -----
From: "Brian" <bmurrey@amexol.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, February 16, 2001 3:24 PM
Subject: 2N4124

Hey all....are 2N4124 transistors of any use to a QRPer?

I looked at the data sheet but i don't know what I'm looking at.

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

Date: Fri, 16 Feb 2001 17:50:35 -0800
From: Stephen M Smith <sigcom@juno.com>
To: flesnick@tbaytel.net
Cc: qrp-l@Lehigh.EDU

Subject: [91889] Re: Beacon Keyer Help???

Message-ID: <20010216.175035.-1830885.3.sigcom@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Sorry, forgot to include the URL: <http://members.aol.com/k1el/> and his chips are \$10 or less.

S.S.

On Fri, 16 Feb 2001 17:47:18 -0800 Stephen M Smith <sigcom@juno.com> writes:

> Fred and Group,

>

> Check out K1EL's site: He has a dedicated Beacon chip and at least

> 2 of his keyer chips have beacon mode. The K-ID beacon chip draws

> less than 5 mA according to the spec's.. Good stuff.

>

> 73.....Steve 'The Scrounger' Smith

> WB6TNL Oxnard, CA USA

> "snort rosin"

>

> On Fri, 16 Feb 2001 17:49:18 -0500 Fred Lesnick

> <flesnick@tbaytel.net> writes:

> > I wonder if anyone has any plans for a low current draw memory

> > keyer

> > that can be used for a beacon?

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 17 Feb 2001 02:25:55 +0000

From: jacksonharbor@att.net

To: somerville@uniserve.com

Cc: qrp-1@lehigh.edu

Subject: [91890] RE: Morse Midi

Message-ID:

<20010217022555.KZDY6676.mtiwmhc24.worldnet.att.net@webmail.worldnet.att.net>

>Anyone used MorseMidi by UR5EMI? Comments.

John -

I haven't heard of MorseMidi, but I have tried CWMidi
by Rob Dey:

<http://www.myhost.com/idey/>

I liked it - it's freeware.

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press - Ham Radio Kits and more!
<http://jacksonharbor.home.att.net/>

Date: Fri, 16 Feb 2001 19:27:53 -0700
From: Doug <doug@ycsi.net>
To: w5usj@globeco.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91891] Re: Key Anti-Skid
Message-ID: <3A8DE1A9.EBD0E84E@ycsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Chuck and the crew:

I found the greatest stuff for keys/bugs whatever. Go you your local bar or restaurant and look for the thin, plastic matting that they use under the glasses after they're washed or stored. It looks like a little door mat, is very soft and sticks like glue to any hard surface. I just asked for a piece of one about the size of my Vibroplex and the owner gave me an entire sheet. Guess it's not very expensive either. Works well for any surface and if it gets dirty, just toss it in the dishwater and it's clean.

73

Doug, K7YD
Livingston, MT

Chuck Carpenter wrote:

> Key and Keyer users,
>
> I found one way that keeps my key from sliding around on my desk top. I
> tried the fabric stickies and they helped some (until they collect dust).

>
> What is working the best is a mouse pad turned upside down. I have one
> that was fabric covered, is 3/16 thin, and fairly dense foam. I started
> off with the fabric side down and that worked somewhat but the whole thing
> was sliding around.
>
> Then I peeled the fabric off. Now the pad doesn't slide and neither does
> the key. My hand is on the pad too so the hand-key alignment stays more
> consistent. Some of the other pads I have have softer foam and even the
> small code warrior key rocks sideways in this foam. The thinner, denser
> stuff seems to work the best.
>
> The idea actually come from something Lew, N5ZE, had done. He used a mouse
> pad turned upside down to help hold his SMK-1 in place while he was
> building it.
>
> Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
> ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
> RARA #3, NETXQRP <http://www.angelfire.com/tx4/netxqrpclub/>
> [TMPS] Qs - 45, States - 21, DX - 8, 3W to HF9V (or W9INN Inv V)

Date: Fri, 16 Feb 2001 18:46:03 -0800
From: Wayne Burdick <n6kr@elecraft.com>
To: qrp-l@Lehigh.EDU
Subject: [91892] Re: Safari-4
Message-ID: <3A8DE5EB.732EC1E6@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tim, KG4CHX, wrote:

> Any one have a Safari-4 to sell?

Hi Tim,

There may be only one Safari-4 in existence, and that's the one that was the subject of my QEX article (Oct./Nov./Dec. 1990). Many people wrote to me asking for PC board templates, etc., but I don't know if anyone actually duplicated it. It's extremely dense, with nine PC boards packed into a 3x5x7 LMB chassis.

In a way, it was the forerunner of the K2 and K1 (it was a superhet transceiver with 4 bands, internal manual antenna tuner, internal battery, SWR bridge, keyer, and paddle). But I didn't know that at the

time--I was just trying to get everything into one box (sound familiar?).

I still have the Safari-4 sitting on the shelf here in the lab, and it still works. I turn it on once in a while just to remind myself how far things have come in a decade! I open it up once in a while, too, to scare people: I designed this before I got into my "no-wires" phase ;) The four bands are implemented as a stack of transverters, each with 3 coax cables, for a total of TWELVE RG-174 cables running to the multi-section miniature rotary switch! It was, by far, the most difficult thing I've ever constructed, and was the catalyst for using band modules in the Sierra.

If you're ever in the San Francisco area, stop by and I'll be happy to take off the Safari-4's cover and dust out the cobwebs.

73,
Wayne
N6KR

Date: Fri, 16 Feb 2001 18:51:24 -0800 (PST)
From: ABCQRP <w6abc@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [91893] Anti-Skid Material for Key
Message-ID: <20010217025124.5003.qmail@web2103.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,
I bought one of the small Millenium keys from Morse Express and it came with an anti-skid pad. I don't know what it is, but it works very well. It sounds like the material someone mentioned that is used at bars behind the counter to put glasses on. I think it is similar but perhaps a bit thinner. Anyway you might want to email Morse Express and find out what the material is or if you could buy a pad from them.
72,
Jack W6ABC

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only \$35 a year! <http://personal.mail.yahoo.com/>

Date: Fri, 16 Feb 2001 21:59:13 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w6abc@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91894] Re: Anti-Skid Material for Key
Message-ID: <012b01c0988d\$a0d38000\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just go to Wal-Mart or Kmart and in the kitchenware's section, where they sell rolls of 'shelf paper', you will find soft rubber sheets. BIG rolls of it. Looks like a spiderweb but with parallel lines as opposed to circular. I cut sheets to put between radios, and under ANYTHING I don't want sliding around.

Mike

> Hi,
> I bought one of the small Millenium keys from Morse
> Express and it came with an anti-skid pad. I don't
> know what it is, but it works very well. It sounds
> like the material someone mentioned that is used at
> bars behind the counter to put glasses on. I think it
> is similar but perhaps a bit thinner. Anyway you
> might want to email Morse Express and find out what
> the material is or if you could buy a pad from them.
> 72,
> Jack W6ABC

Date: Fri, 16 Feb 2001 22:48:06 -0500 (EST)
From: <baltimoremd@baltimoremd.com>
To: Mike Yetsko <myetsko@insydesw.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91895] Re: Anti-Skid Material for Key
Message-ID: <Pine.BSI.4.05L.10102162246480.23716-1000000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 16 Feb 2001, Mike Yetsko wrote:

> Just go to Wal-Mart or Kmart and in the kitchenware's section,

73,
thom

http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com/	Home of the Baltimore Lexicon
http://www.zerobeat.net	Home of The QRP Web Ring and Drake Mail List Pages

CMOS-III keyer kit

Thanks for all the replies....Now for the searching and head scratching, but have to remember that our winters are pretty cruel, and will it stand up to it?
Guess only one way to find out EH!

Fred
VE3FAL

Date: Sat, 17 Feb 2001 03:31:18 +0000
From: "Chuck Adams, K7QO" <k7qo@primenet.com>
To: qrp-l@lehigh.edu
Subject: [91897] IOWA QRP-10A Update

Message-ID: <5.0.2.1.0.20010217031244.00a2b820@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

I have added to the IOWA QRP-10 web section a new schematic for the QRP-10A.

Jim Kortge, K8IQY, and I have been in a race on this thing and I'm the one that is slowly catching up. A couple of days ago Jim sent me his schematic. He had some real neat mods so I'm going back to do them in my rig. I have redone my schematic and now have a version 0.8, which means that it is almost done, but may be subject to some minor mods as I get some sections checked out and fine tuned.

And many thanks to the three people that mailed me their printouts when I had the VFO section done. It proved to me that the web has a long way to go IMHO. I am sending them a copy of my schematic in return and the SASE wasn't necessary and some didn't send one as they were thinking they didn't need to see mine, but they do and I will.

In the .pdf file you may find a linewidth parameter, but if you do not I can adjust to a thicker line. And I can also put the .ps file out there also. Sometime this weekend I'll do that.

I was going to go back through the archives to see where Mike Fitzgibbon, N0MF, put his stuff on the web so that people can do an A/B comparison but I just haven't had the time. Someone may have that info handy and save me some time.

Again, I wrote my own drawing routine so I may not be drawing the way others like, but all I need is a schematic to build from and that is what I have. You will have to get the next issue of QRPP (see the NorCal web page on ordering if you don't already get it) to get all the parts listings and details on building in one place. Doug is gonna beat me if I don't get this done this weekend. :-)) I don't want to be the one that delays QRPP getting out this time.

So, if you don't hear me on 30m then I'm slaving over the workbench again.

And what have I proved on 30m? Well, with a good antenna and 1/2W you can work a lot of states if you just get on the air almost daily and try. If you pay attention to the band and its characteristics (on any band) you can maximize how well you do. I'm just 8 states shy of WAS and more than 2/3 of them are

2xQRP contacts. Neato.

For those of you that followed L.B. Cebik's articles in QST. My vee-beam is 40m per leg with 70 degree angle. Apex at 10m and ends at 3m. Center angle is aimed 60 degrees east of north. Ground is decomposed granite, so consider it a poor ground. Antenna is 'floating' in that I have no ground system at all from the second floor and feed line is 2m long using 300 ohm window line. Try that on any antenna modeling software and see what you get. I just put the antenna up the way it is and can modify it easily but not until sometime later. FYI. #12 copper wire BTW.

dit dit

Chuck Adams, K7QO
Prescott, AZ k7qo@primenet.com <http://www.qsl.net/k7qo> <http://moon.pr.erau.edu/~adamsc>

TMPS-2001 Feb 17, 2001 Q's = 155 States = 42 Counties = 128 DXCC = 9
SWL-30 with CMOS 3 keyer and HB Iambic Paddle 0.500W and vee-beam

ID TX LA ND CA AZ NM WY NV MT CO OR ME KY WA SD NE NC AR IA GA HI MN AL WI
(first 25)
MD OH CT MO SC TN OK PA NJ FL MA NY KS IL CT NH MI (in order worked)

DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6

Date: Fri, 16 Feb 2001 22:38:21 -0500 (EST)
From: Dan Halbert <halbert@bbn.com>
To: w2kj@earthlink.net
Cc: qrp-l@lehigh.edu
Subject: [91898] Re: [91824] Full Wave Loop
Message-ID: <200102170338.WAA04479@siu>

Joe, here's a 1997 message from QRP-L I saved with more information about loop dimensions (in a reply to a message I sent which gave the "standard" formula). The NEC-LIST archives Jim mentions at the end of his message are still available, and you can follow the message thread in question at:
<http://dutettq.et.tudelft.nl/~koen/Nec/Archive1996/0382.html>

Dan, KB1RT

=====

Date: Thu, 6 Feb 1997 15:37:05 GMT
To: Dan Halbert <halbert@BBN.COM>
From: ji3m@maxwell.com (James R. Duffey)
Subject: Loop Antenna Circumference
Cc: prvalko@oakland.edu, qrp-l@Lehigh.EDU

Dan - Jim here, in your post on QRP-L about using loops in reply to
someones question about antenna suggestions you wrote;

"The ARRL books give $1005/f(\text{MHz})$ as the formula for a full-wave loop (gives
length in feet). They are actually talking about quads, but it's the same
thing."

I and others who have built loops find that the classical 1005/MHz (in
feet) results in a loop that is too small, that is it is resonant at too
high a frequency. 1033/MHz is a better starting point for loop
circumference although several who have modeled loops have reported values
from 1020/MHz to 1045/MHz for the circumference. I originally thought that
my problems with consistently high resonant frequencies were due to my use
of insulated wire or my poor ground, but NEC models show this effect
clearly and others have noted it as well.

This was discussed in the NEC list in December 1996 by Belrose, VE2CV and
Lewallen, W7EL among others. The postings are available if anyone is
interested, or you can search their archives for them. Belrose said that he
had been trying to get the ARRL to revise its literature which quotes this
figure since the late 70s but had made no inroads in correcting this
classical mistake.

I would bet L. B. has seen this effect. - Duffey KK6MC/5

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Fri, 16 Feb 2001 22:43:00 -0500
From: "Brian Murrey" <bmmurrey@amexol.net>
To: <w8diz@cinci.rr.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91899] Re: 2N4124
Message-ID: <003101c09893\$ba7024e0\$14382bd1@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, since I don't know what a 2N3904 is used for either, I'm still sitting here scratching my head. BTW I did look in the ARRL Handbook.

Oh well, no biggie. The eBay auction is now over.

72

----- Original Message -----

From: "w8diz" <w8diz@cinci.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, February 16, 2001 8:49 PM

Subject: Re: 2N4124

> 2n4124 are almost the same as 2N3904

>

> 72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio

> Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W

> SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26

> FPqrp#-1 <http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

>

> ----- Original Message -----

> From: "Brian" <bmmurray@amexol.net>

> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> Sent: Friday, February 16, 2001 3:24 PM

> Subject: 2N4124

>

>

> Hey all....are 2N4124 transistors of any use to a QRPer?

>

> I looked at the data sheet but i don't know what I'm looking at.

>

> =====

> KB9BVN/QRP - New Whiteland IN - EM69WN

> QRP-ARCI #10223 QRP-L #1540 FIST #5695

> FISTS CC #764 - Proud Member ARRL

> TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W

> INTO INFAMOUS AF4PS ATTIC DIPOLE

> SOC #400 AND FLYING PIGS QRP #-57

> =====

>

>

>

>

>

Date: Fri, 16 Feb 2001 22:47:18 -0500
From: Fran Flynn <fflynn@adelphia.net>
To: kb9lgj@arrl.net, qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [91900] tip3055
Message-ID: <3A8DF446.AEBBC97E@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The TIP3055 is a plastic cased version of the 2N3055, it's cutoff frequency is 3 megahertz, a bit low for RF. In this case it would probably not serve well as a replacement unless you were building a transmitter for VLF. It's good as an audio output or power supply regulator, but not as a final for RF.

Sometimes, not always, I can find info on transistors and IC's by plugging the number into a web search engine like altavista. I found the info on this transistor in an old Sylvania ECG cross reference manual. I don't think they publish them anymore, if they do, at least they don't give them away for free like they used to. Mine is a little over 10 years old.

For the 2SC2078 you might want to check some mail order sources, Dan's small parts is good, there are many other sources of course:

<http://www.fix.net/dans.html>

or

RF parts:

<http://www.rfparts.com>

try mouser too: <http://www.mouser.com>

Also, I find dead CB's to be a good source for QRP rigs and the best use I can think of for a CB set. If you can find a CB rig, try using the final out of it, even if it's not the same type number.

73

Fran Km1z

From: Timothy Gordish <kb9lgj@arrl.net>
To: qrp-1@Lehigh.EDU
Subject: [91809] TIP3055 good for Final Amp for SW+?
Message-ID: <3A8CACA1.2040301@arrl.net>
MIME-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit

<html><head></head><body>I seemed to have fried my final RF amp in my SW+ having bumped the key and left it transmitting unknowingly. The rig recieves and sends sidetone perfectly, but no power out.

Anyways I went to Radio Shack hoping to get a replacement for the 2SC2078 and alas I could not find one. I ended up getting a TIP3055 just to save a trip if it will work. Can anyone tell me if this is a suitable replacement?

Date: Fri, 16 Feb 2001 22:02:34 -0600
From: "Andy Anderson" <aanderso@onramp.net>
To: <qrp-1@lehigh.edu>
Subject: [91901] Q-Dope
Message-ID: <004301c09896\$75c476e0\$339dbfa8@aanderso>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

You can get QDope from Marshall Emm N1F1 at <http://www.MorseX.com> for \$4.95 for a 2 oz bottle.

Andy W5VCJ

Date: Fri, 16 Feb 2001 23:43:00 EST

From: RLucch2098@aol.com
To: qrp-1@lehigh.edu
Subject: [91902] FS: MFJ-9420X & OHR QRP SPRINT
Message-ID: <20.12264d10.27bf5b54@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Guys;

We have for sale:

- 1)- MFJ-9420X qrp ssb transceiver for 20 meters, with original manual, dc cable, mike & mounting bracket(unused), No Options, can be used on CW with MFJ optional module, Unit & all are As New!! price is \$170ppd Conus.
- 2)- OHR QRP SPRINT, built w/copy of manual & dc cable, excellent condx, 1.5 watts out @13.8vdc \$75ppd Conus.

Thanks es 73....Rich WA2RQY (1961)

WA2RQY's "confusion Radio" Web-Page

[Http://members.aol.com/rlucch2098/index.html](http://members.aol.com/rlucch2098/index.html)

RLUCCH2098@aol.com

"Keep those heaters on"

Date: Fri, 16 Feb 2001 21:20:54 -0800

From: "Wayne Barnhart" <wb7whi@home.com>

To: <dragonsinger@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [91903] Re: A cool web browser

Message-ID: <001b01c098a1\$66a32b60\$43761418@spokn1.wa.home.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Glad it works for you but since I have not had an explorer crash since the days of 4.0 I think I will pass. Not needed here.

Wayne WB7WHI
Spokane, Wa.

----- Original Message -----

From: "Dragon Singer" <dragonsinger@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, February 16, 2001 9:08 AM

Subject: OT: A cool web browser

> Hi Gang,
> I've been tinkering with an alternative O/S for a little over a
> year (Yes Linux). I've also become an avid watcher of a TV network once
> known as ZDTV now TechTv. Anyway, one of the shows mentioned a freeware
> version of a very robust and stable webbrowser called Opera 5.0. I
> downloaded it and began using it just to see how stable it is. So far it
> has been able to handle the demands I've placed on it better than either
> the Netscape or Micro\$oft Internet Explorer. So far in two weeks of
steady
> use Opera has not crashed once, while the other two candidates have
crashed
> on a daily basis. Mileage may Vary.
> I'll go put on my asbestos underwear now.
> 73
>
> Yours very Sincerely and Respectfully
>
> Wayne M. Scace
> &
> Leader Dog Sequoia
>
> dragonsinger@earthlink.net
> ICQ#315313
> Amateur Callsign AB9BM
> FISTS#4409 QRP-L #2313
>

Date: Sat, 17 Feb 2001 00:49:57 -0600
From: Dragon Singer <dragonsinger@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [91904] Just read the QST review of the K2
Message-ID: <5.0.2.1.0.20010217004432.02cfbd88@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,
After reading the March 2000 QST review of the Elecraft K-2 all I
can say is WOW! The next thing that went through my mind is " I wonder if
anyone would trade a K-2 for an Ic 706MkII with Voice Synth?" Hi Hi
Hi, Seriously though, it does seem like a lot of rig for the money. Could
I get some comments from K-2 Users on the list?
73

Yours very Sincerely and Respectfully

Wayne M. Scace
&
Leader Dog Sequoia

dragonsinger@earthlink.net
ICQ#315313
Amateur Callsign AB9BM
FISTS#4409 QRP-L #2313

Date: Sat, 17 Feb 2001 07:19:16
From: "Leon Heller" <leon_heller@hotmail.com>
To: bmurrey@amexol.net, qrp-l@Lehigh.EDU
Subject: [91905] Re: 2N4124
Message-ID: <F3832om1joKIB5i5Qy20000e980@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Well, since I don't know what a 2N3904 is used for either, I'm still
>sitting
>here scratching my head. BTW I did look in the ARRL Handbook.

The 2N3904 is popular as a pre-amp for direct-conversion receivers,
following a diode mixer. They have also been used in low phase-noise
oscillators.

They and the 2N4124 are general-purpose amplifier/switching transistors.
Should be fine for audio and RF up 10 MHz or more.

73, Leon

--
Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058
Email:leon_heller@hotmail.com My web page:
http://www.geocities.com/leon_heller IRISYS Ltd: <http://www.irisys.co.uk>

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Sat, 17 Feb 2001 02:47:45 -0500
From: Ed Kessler <edkess@epix.net>
To: dmichael@dauphingraphic.com
Cc: Donald Philbin <donaldphilbin@hotmail.com>, "Eastern PA QRP Club" <epaqrp-1@Lehigh.EDU>, Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>, James Skalski <jskalski@bellatlantic.net>, Jim Kortge K8IQY <jokortge@prodigy.net>, Larry Thomas <aa3px@intergrafix.net>,
Subject: [91906] Updated Progressive Receiver Page
Message-ID: <5.0.2.1.0.20010217023903.00a1dec0@mailhost.epix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Another late night at the computer. :-)

But . . . I've completely revised the Progressive Receiver portion of my webpage, hopefully to make it easier for those working on a PR or planning to build one.

No new photos (I've gotta buy a good digital camera, if I can convince the XYL of it's necessity.) However, I've included schematics of the preselector circuit, the broadband 80m input filter that I borrowed from SPRAT, included my revised oscillator mixing scheme, and added block diagrams of the relay activated switching design by W3TS.

Further refinements to come will be a complete list of the vendors that I purchased parts from while building the receiver.

Hopefully, I'm doing the Progressive Receiver "proper press."

For those interested . . .

73s

Ed AA3SJ

Always Building Something!

Date: Sat, 17 Feb 2001 00:50:36 -0700
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: baltimoremd@baltimoremd.com, qrp-1@lehigh.edu
Subject: [91907] Re: Anti-Skid Material for Key
Message-ID: <3A8DCADC.23682.342CF0A@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>>But going to the bar sounds like more of adventure.<<

Or buy a new key from Morse Express and get one free.

It is the non-skid shelf liner that you will find at most grocery stores, drug stores, etc. It's sold under several brand names including Rubbermaid, and comes in four or five different colors. A roll 5' by 12" (enough for 30 Morse Express Keypads [g]) is around \$2.50, but Walmart has larger rolls.

Our "keypad" is 4" x 6" which is fine for the average key, but you can cut it to fit a smaller one, or cut it in half to use with a large one, or cut individual pads for each foot.... whatever. And it is a good insulator and padding material. And a larger sheet of it is great to put on the workbench so things don't get scratched while you're working on them. I find new uses for it about once a month.

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Sat, 17 Feb 2001 00:58:31 -0700
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Subject: [91908] QDOPE
Message-ID: <3A8DCCB7.21224.34A0F5F@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I used nail varnish for years, but then found I could get the genuine article, and boy does it make a difference!

The advantages of Q-Dope are that it doesn't affect the coil as much, even when it is wet. It dries much more quickly (around half an hour compared with 24Hrs or more). And it dries "semi-hard, so that you can still pick the turns apart with a fingernail if you need to tweak the coil later. I have no idea what the solvent is, but it certainly SEEMS less noxious than acetone, which is the solvent in nail varnish.

Yes, I sell it.

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Sat, 17 Feb 2001 02:13:03 -0600
From: Jeff Logullo <logullo@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91909] Re: Just read the QST review of the K2
Message-ID: <3A8E328F.E699504C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dragon Singer wrote:

> Could
> I get some comments from K-2 Users on the list?

You might want to go to <http://www.qth.net/> and visit the Elecraft digests or archives. Even better, sign up for the Elecraft list and ask your question there. No lack of enthusiastic K2 owners there!

I have one and just love it.

72,
Jeff N0MII

Date: Sat, 17 Feb 2001 01:10:48 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: <dragonsinger@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91910] Re: Just read the QST review of the K2
Message-ID: <0E57Fr9oD6XMLDth0Dt00000792@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Dragon Singer" <dragonsinger@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, February 16, 2001 11:49 PM
Subject: Just read the QST review of the K2

...

> Hi, Seriously though, it does seem like a lot of rig for the money.
Could
> I get some comments from K-2 Users on the list?

A good place to start is the elecraft web site: www.elecraft.com.
There you will find a section with letters and comments from owners.
Me among them.

In a word I love the rig, Small, compact and VERY STRAIGHT FORWARD
user ergonomics. I've had my K2 since summer of 98. I also have a KNWD
570 and several smaller mono-band QRP rigs. The K2 gets used the most!
I just love the RX section.

The thing that does not come through in the QST review is the FANTASTIC
customer support from Elecraft. Elecraft has redefined the term, and
raised the bar several notches. The only company that even come close
to Elecraft's customer service is LL Bean or REI. Beyond that there is
the user community that "hangs" out on the Elecraft email reflector,
if you are not already subscribed, consider doing so and check things
out.

If you have any specific questions, don't hesitate to write.

73, Rod N0RC
Ft Collins CO

Date: Fri, 16 Feb 2001 22:28:09 -1000
From: w6ors@juno.com
To: qrp-1@Lehigh.EDU
Subject: [91911] 40M Loop
Message-ID: <20010216.230016.-1890367.3.w6ors@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I started with 150 ft of #18 PVC coated wire in a horizontal delta loop
and trimmed it to size with my
MFJ-259. Works like a champ for me.
73/72,

Corky W6ORS
Hilo HI

"If you haven't much education, you must use your brain"

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Date: Sat, 17 Feb 2001 13:00:00 +0000

From: Brendan Minish <EI6IZ@oceanfree.net>

To: <qrp-1@Lehigh.EDU>

Subject: [91912] Re: Anti-Skid Material for Key

Message-ID: <5.0.2.1.2.20010217125408.00ae93a0@mail.oceanfree.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 00:50 17/02/2001 -0700, Marshall Emm wrote:

> >>But going to the bar sounds like more of adventure.<<

>Or buy a new key from Morse Express and get one free.

why do you think I have bought so many keys from you <VBG>

>It is the non-skid shelf liner that you will find at most grocery stores,
>drug
>stores, etc.

I have been looking for this stuff here in Europe for a while now and no one seems to even know what I am talking about.

Does anyone have any suggestions as to where to find this stuff over here.

Would someone on the list be willing to send me a Roll or 2 in return for something that they want sent from over here (BTW Guinness doesn't post well !)

72's De Brendan EI6IZ

--

Brendan Minish EI6IZ

ei6iz@oceanfree.net

PGP key available from key servers [wwwkeys.pgp.net](http://www.keys.pgp.net)

Date: Sat, 17 Feb 2001 06:06:33 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: "George, W5YR" <w5yr@att.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [91913] Re: SMK-1 on from ND tonight
Message-ID: <Pine.LNX.4.31.0102170603260.802-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi George, I put cq QRP in my keyer memory and did call cq on 7040 last night. No takers. Will play around locally today while 40 meters is "dead".

On Fri, 16 Feb 2001, George, W5YR wrote:

> ARRL International DX Contest (CW) this weekend . . . should be some good
> pickins for QRP later on, especially on Sunday afternoon.
>
> 72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
> Amateur Radio W5YR, in the 55th year and it just keeps getting better!
> Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437
>
>
> "Karl F. Larsen" wrote:
> >
> > Doc it's hopeless. There are guys running 1500 watts on 7040 in some
> > contest. Can't hear a thing but them!
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 17 Feb 2001 05:29:06 -0800
From: "K7FD N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91914] Re: 40M Loop
Message-ID: <002f01c098e5\$9c3f49e0\$64231ad8@N7SG>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Did you use a quarter wave matching section of 75 ohm coax to feed your antenna? I found that this matching section really helped on mine.

73 John K7FD

Subject: 40M Loop

> I started with 150 ft of #18 PVC coated wire in a horizontal delta loop
> and trimmed it to size with my
> MFJ-259. Works like a champ for me.
> 73/72,
> Corky W6ORS
> Hilo HI
> "If you haven't much education, you must use your brain"
>
> -----
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>

Date: Sat, 17 Feb 2001 05:59:53 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: dragonsinger@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91915] Re: Just read the QST review of the K2
Message-ID: <3A8E83D9.F79C02D3@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dragon Singer wrote:

>
> Hi Gang,
> After reading the March 2000 QST review of the Elecraft K-2 all I
> can say is WOW! The next thing that went through my mind is " I wonder if
> anyone would trade a K-2 for an Ic 706MkII with Voice Synth?" Hi Hi
> Hi, Seriously though, it does seem like a lot of rig for the money. Could
> I get some comments from K-2 Users on the list?
> 73
>

K2 in March 2000 QST; K1 in March 2001 QST. Since you just read it,
makes me wonder which one you mean.

No matter. Excellent radios as the reviews say. But they are kits and the K2 is a fairly complex one .. though some first time kit builders have taken it on.

I have an IC-706MKII. IMHO anyone who would prefer that over a K2 for HF use would be daft .. or not interested in QRP. Aside from power, the only plusses of the 706MkII are full HF RX coverage, and 6/2 meter capability. Mine is used exclusively for mobile ops, where the removable front panel is another must for me.

BTW .. there is a table of performance comparisons, K2 to otehr rigs, at the Elecraft web site.

73, Phil W7OX

Date: Sat, 17 Feb 2001 08:08:56 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <wb7whi@home.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91916] Re: A cool web browser
Message-ID: <004e01c098eb\$2d00d660\$a530aec7@dandooley>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree. If a computer system is crashing on a daily basis, let's don't blame MS (or whoever) for the problem. There's something wrong with that system. Windows is a buggy OS. We all know that, but not THAT buggy. I may see a crash once ever several weeks on my laptop which is the only one to be rebooted on any regular basis and that's because I've got to shut it down for travel. I may go months without a crash or a lock up problem. I use IE 5.5 on it. The OS is 98. Not even Second Edition.

This computer (my main desktop) crashes even less frequently. Something might happen every few months. No stretching on my part! This one is left on all the time, so the only time it ever has been rebooted is when I'm doing something such as putting on a new app and it requires rebooting to finish the install. Now, as of the last couple of weeks, it's been on Windows 2000 Pro. Let's see how long it goes without a crash. And on this one, I'm using IE 5.0. Prior to the upgrade, it ran 98 SE.

The other computer runs NT Server 4.0. SP 6. It has NEVER crashed. And, it stays on 24 hours a day. No browser is used on it since it is not connected to the Internet.

So, I'd have a serious look at any computer crashing that often. Something besides the folks in Redman (and I have my gripes with them as well) is at fault.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandoooley@pipeline.com
Web site: <http://www.qsl.net/wb9tka>
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: "Wayne Barnhart" <wb7whi@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, February 16, 2001 11:20 PM
Subject: Re: A cool web browser

> Glad it works for you but since I have not had an explorer crash since the
> days of 4.0 I think I will pass. Not needed here.

>
> Wayne WB7WHI
> Spokane, Wa.

> ----- Original Message -----

> From: "Dragon Singer" <dragonsinger@earthlink.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Friday, February 16, 2001 9:08 AM
> Subject: OT: A cool web browser

>
>
> > Hi Gang,
> > I've been tinkering with an alternative O/S for a little over a
> > year (Yes Linux). I've also become an avid watcher of a TV network
once
> > known as ZDTV now TechTv. Anyway, one of the shows mentioned a freeware
> > version of a very robust and stable webbrowser called Opera 5.0. I
> > downloaded it and began using it just to see how stable it is. So far
it
> > has been able to handle the demands I've placed on it better than either
> > the Netscape or Micro\$oft Internet Explorer. So far in two weeks of
> steady
> > use Opera has not crashed once, while the other two candidates have
> crashed
> > on a daily basis. Mileage may Vary.

> > I'll go put on my asbestos underwear now.
> > 73
> >
> > Yours very Sincerely and Respectfully
> >
> > Wayne M. Scace
> > &
> > Leader Dog Sequoia
> >
> > dragonsinger@earthlink.net
> > ICQ#315313
> > Amateur Callsign AB9BM
> > FISTS#4409 QRP-L #2313
> >
>

Date: Sat, 17 Feb 2001 15:01:50 -0500
From: Ed Lawson <elawson@lawson-philpot.com>
To: qrp-l@lehigh.edu
Subject: [91917] Don't wait till Sunday for contest
Message-ID: <20010217150150.A11169@work1>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

No need to wait till Sunday to play in the DX contest.
Fired up the Sierra on 15 and 10 this morning. Many of those
kw DX stations come right back after first call. Good ears and nice
OPs.
Lots of fun running with the big dogs. <g>

Almost enough to make one go for DXCC QRP in a weekend.

Ed Lawson
K1VP

Date: Sat, 17 Feb 2001 08:28:32 -0600
From: Vance Huntsinger <vhuntsinger@iwic.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91918] Re: Beacon Keyer Help???
Message-ID: <4.2.0.58.20010217082727.00a32880@mail.iwic.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Check out <http://members.aol.com/k1e1/k10info.html>

Vance-WA9YDJ

At 05:49 PM 2/16/2001 -0500, Fred Lesnick wrote:

> I wonder if anyone has any plans for a low current draw memory keyer
> that can be used for a beacon?

Date: Sat, 17 Feb 2001 06:33:11 -0800 (PST)

From: Tom Popovic <ki3r@yahoo.com>

To: EI6IZ@oceanfree.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [91919] Re: Anti-Skid Material for Key

Message-ID: <20010217143311.24396.qmail@web213.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Hello Brendan ... you might try to secure a sheet of non-skid material that is used on skate boards. It has adhesive on the bottom and a rough mineral type material on the top. Your key will NOT slide but watch your elbows on this stuff. 73 Tom KI3R Port Vue Pa.

--- Brendan Minish <EI6IZ@oceanfree.net> wrote:

> At 00:50 17/02/2001 -0700, Marshall Emm wrote:

> > >>But going to the bar sounds like more of
> adventure.<<

> >Or buy a new key from Morse Express and get one
> free.

>

> why do you think I have bought so many keys from you

> <VBG>

>

> >It is the non-skid shelf liner that you will find

> at most grocery stores,

> >drug

> >stores, etc.

>

> I have been looking for this stuff here in Europe

> for a while now and no

> one seems to even know what I am talking about.

>

> Does anyone have any suggestions as to where to find

> this stuff over here.

>
> Would someone on the list be willing to send me a
> Roll or 2 in return for
> something that they want sent from over here (BTW
> Guinness doesn't post
> well !)
>
> 72's De Brendan EI6IZ
> --
> Brendan Minish EI6IZ
> ei6iz@oceanfree.net
> PGP key available from key servers wwwkeys.pgp.net
>

=====

The common good was the claim and justification of every
tyranny ever established over men. Every major horror of
history was committed in the name of altruistic motive...
Actors change, but the course of the tragedy remains the
same. Ayn Rand 1943

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a year! <http://personal.mail.yahoo.com/>

Date: Sat, 17 Feb 2001 07:46:39 -0500
From: "Richard Clemens" <clemens@wvwc.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91920] K1 vs
Message-ID: <009f01c098ef\$f20392a0\$2b750cd8@wvwc.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am thinking about the k1 but wonder how it compares to OHR or DSW units.

--
Rich Clemens
clemens@wvwc.edu

Date: Sat, 17 Feb 2001 08:37:56 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [91921] FS:NC20/40m,ATU,keys
Message-ID: <011501c098f7\$9a216dc0\$6a211d82@sg2939h.col.hp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale:

Norcal 20[converted to 40m] - This original NC20 kit was converted to 40m per modifications from Dave Fifield's & Norcal web site. Very similar to Red Hot 40 series(minus the anodized red case of course). Works OK. 5w out. Very nice QSK/sidetone and very sharp filter. AFA and built-in Tick keyer same as NC20 specs - \$100 shipped

Johnson Matchbox (250w) condition: fair (broken bandswitch - ceramic disk may be repairable? currently disassembled) \$65

Whiterook Dual lever paddle the MK-44 IAMBIC MINI-PADDLE: (needs cable/plug) \$12 shipped.

Vibroplex Bug SN 382299 (all chrome) \$75

Steve

Date: Sat, 17 Feb 2001 10:32:18 -0500
From: "Joe Trombino" <w2kj@earthlink.net>
To: <QRP-L@LEHIGH.EDU>
Subject: [91922] Full Wave Loop
Message-ID: <000b01c098f6\$d121bd80\$2dd8b23f@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fellow QRP'ers:

I would like to thank all those who responded to my query about determining the length of a full wave loop.

73, Joe W2KJ

Date: Sat, 17 Feb 2001 10:16:51 -0600
From: Mike <mmorrow@companet.net>
To: clemens@wwwc.edu
Cc: qrp-1@Lehigh.EDU
Subject: [91923] Re: K1 vs
Message-ID: <3A8EA3F3.522@companet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard Clemens wrote:

> I am thinking about the k1 but wonder how it compares to OHR
> or DSW units.

Richard,

I own three DSWs (-20, -30, -40) and one K1/KNB1/KAT1 (20m/40m and 15m/30m filterboards). I can't comment on OHR, not having owned one.

The DSW is no longer available, except second-hand. Many of us hope for a "new generation" DSW in the future. I think the DSW is the most innovative and elegant QRP rig design EVER made. It's pluses are:

- (1) Audio frequency annunciation (AFA) readout in Morse.
- (2) Digital frequency synthesis (DDS) in 50 or 200 Hz steps.
- (3) Unlimited (almost) DDS range.
- (4) Digital RIT.
- (5) Iambic keyer built-in (unfortunately mode B only, which I hate).
- (6) Reasonable 2 watts or better output.
- (7) Very quick to build (8 hours) and takes about 5 minutes to align without ANY test equipment.
- (8) DDS has the stability of a crystal-controlled rig.
- (9) Receive current is about 50 mA (most of that going to the AD9835 DDS chip), transmit about 350 mA.
- (10) No internally generated digital noise, even with all the digital circuitry.
- (11) Does, in fact, have enough audio to drive a small external speaker.

The only negative, and this is simply my preference, is the "mode B" iambic keyer. I'm a "mode A" type of guy. Most people find the timing of mode B keying to be more critical than mode A, if one doesn't want a keyer that sends an undemanded extra dot or dash. Also, the DSW has no AGC (diode-clipped limiter works fine), and uses a fixed bandwidth

3-pole crystal filter.

The DSW, in the standard DSW case, is (IMHO) the best backpacking "trail-friendly" rig ever made. It is small, lightweight, sturdy, stable, sensitive, and power conservative on both transmit and receive. Right now, the SWL SW+ non-DDS rigs with RIT, keyer, and AFA add-ons are the closest things available to the DSW.

The K1 is really a different class of rig in terms of versatility. Refer to the comprehensive reviews and comparisons of the DSW-20 and the K1 to other rigs that have been performed by Russ Carpenter for the Adventure Radio Society at <http://www.natworld.com/ars> in the back issues section. (Make sure you read the Elecraft reply to the K1 review.)

The K1:

- (1) Has a pretty good selectable-width 4-pole crystal filter.
- (2) Has a varactor diode tuned VFO, so it won't be as stable or wide range as DDS. BUT STILL IT HAS EXCELLENT STABILITY.
- (3) Has a built-in speaker and plenty of audio to drive it.
- (4) Has a transmitter section that is good for up to seven watts output.
- (5) Draws about 75 mA on a typical signal, using the speaker, and about 900 mA on 5 watts transmit.
- (6) Has an excellent mode A or B selectable keyer, with two messages.
- (7) Has a digital LCD frequency readout, but no audio frequency output.
- (8) Has option for an effective noise blanker (KNB1).
- (9) Has option for internal auto antenna tuner (KAT1).
- (10) Has RIT, XIT, and audio-derived AGC.
- (11) Has no internally generated digital noise, even with all the digital circuitry. (K1/KNB1/KAT1 system has four PIC microcontrollers.)
- (12) Design appears to be open for future options.
- (13) Took me about 30 hours of build time for K1/KNB1/KAT1. (Many others have completed it MUCH faster than I, though.)
- (14) MOST IMPORTANT: Operates on any TWO bands from 80m to 15m.

I really like the K1. I find it hard now to go anywhere without a DSW *and* the K1. The DSW is nice when size and weight is important; the K1 is nice when maximum versatility is required. The two-band K1 takes up a little less space in a pack than two DSWs and a small speaker, plus the K1 has the internal tuner. The DSW is tops for a trip using only one band.

The DSW and the K1 are so darned good for their respective purposes that I wouldn't part with either for anything else QRP. I'll be among the first to order any future "new generation" DSW, or any new options for

the K1.

73,

Mike / KK5F

Date: Sat, 17 Feb 2001 09:30:37 -0700
From: "Conant, Paul" <paul.conant@lmco.com>
To: "Qrp-L (Post To List) (E-mail)" <qrp-l@lehigh.edu>
Subject: [91924] Vectronics QRP Kits - crystal needed
Message-ID: <675067CF647BD4118DEA00508BE32AB47EA95B@emss02m09.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I've been using the Vectronics VEC-1130K and VEC-1230K rcvr and xmtr pair on 30-meters for several months now with good results. These kits went together well and have been fun to use. They do not have features present in the more popular rigs, but have given me a very enjoyable introduction to QRP operation. I have been pleasantly surprised by the contacts one can make with the xmtr's 1-watt or so power out and a low-slung dipole.

I would like to hear the experiences of others who have used these kits on any of the bands for which they are available (20/30/40/80) and would like to know about any mods they have made.

One of the features I like in the VEC-1230K xmtr is that it has a place on the circuit board for a second crystal and a front panel switch for switching between the two. The rig comes with a 10.108 MHz crystal. I'd like to get my hands on one for 10.116 MHz. If anyone has one they can part with, please contact me directly.

73,

Paul, WQ5X

Date: Sat, 17 Feb 2001 10:36:52 -0600
From: "Mike D." <hrg@cifnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91925] MFJ 259B vs. Vectronics 584B
Message-ID: <000c01c098ff\$d51cf0e0\$c6ad4ec6@bozo>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Has anyone determined with certainty, that the MFJ 259B is the same (or different) as the Vectronics 584B? The sale at Radio Shack for the 584B is tempting. Tks.

73 de Mike, N9BOR
FISTS MAC SMC SOC ZUT
<http://www.qsl.net/n9bor>
MAC <http://www.qsl.net/mac>

di dah dit - The only Roger Beep you'll ever need.
My designated driver is a 12BY7A.

Date: Sat, 17 Feb 2001 11:48:32 -0500
From: Michael Bower <bowerm@ix.netcom.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [91926] RS vs Heartland America power supply
Message-ID: <3A8EAB60.663DC047@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just received my HA power supply and it is IDENTICAL to my RS version. Same number, same packaging.

Now I've not opened them up to see what's inside. But they have to be made by the same people for the two companies (HA and RS).

Michael

--
73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

Date: Sat, 17 Feb 2001 11:45:18 -0500
From: "Mike Branca" <w3irz@att.net>
To: <qrp-l@Lehigh.EDU>

Subject: [91927] Re: Key Anti-Skid
Message-ID: <000501c09901\$03475f40\$9e384d0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

To Chuck and all. The mouse pad is working for me too with my traveling paddles. My use is a bit different than yours as I used the pad in the usual manner but cut two round holes in the back of the pad to fit snugly the two front feet of my paddles. That way the weight of my hand keeps the pad still and the paddles will not jump out of the holes.

Mike Branca W3IRZ in Conyers Georgia

Date: Sat, 17 Feb 2001 09:00:27 -0800
From: Bill Morgan <bill@bmorgan.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91928] Re: Anti-Skid Material for Key
Message-ID: <3A8EAE2B.F17F267F@bmorgan.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a sheet of the skateboard grit but didn't use it much. I ran across suggestions on the web to adjust the paddle for minimum pressure, and to close the gap to about a single sheet of paper thickness. My paddle hasn't moved since. (It did take a couple of evenings to adjust me to the new feel...)

Bill
n6xgx

Tom Popovic wrote:

> Hello Brendan ... you might try to secure a sheet of
> non-skid material that is used on skate boards. It
> has adhesive on the bottom and a rough mineral type
> material on the top. Your key will NOT slide but watch
> your elbows on this stuff. 73 Tom KI3R Port Vue Pa.

Date: Sat, 17 Feb 2001 12:00:49 -0500
From: jerry Albertin <kb2spg@juno.com>
To: qrp-1@lehigh.edu
Subject: [91929] FS: Excellent Condition HTX-100
Message-ID: <20010217.120051.-65967.3.kb2spg@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Looking to purchase another rig so I'm offering my HTX-100 10 meter rig for sale. CW/SSB with your choice of 5 or 25 watts. I just checked the output this morning.

Excellent condition and comes with all mounting hardware (mobile bracket, knobs, screws and mike holder) original mike with tuning buttons and a copy of the manual.

Asking \$95 plus shipping from 12010

I have a photo of the rig that I can email to anybody interested.....73....Jerry

GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sat, 17 Feb 2001 10:33:37 -0700 (MST)
From: muglesto@ecentral.com
To: Ed Kessler <edkess@epix.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91930] Re: Updated Progressive Receiver Page
Message-ID: <Pine.LNX.4.10.10102171032520.5890-1000000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

So ED, where is this web page so we can look?

KI00T, Brad

On Sat, 17 Feb 2001, Ed Kessler wrote:

> Another late night at the computer. :-)
>

> But . . . I've completely revised the Progressive Receiver portion of my
> webpage, hopefully to make it easier for those working on a PR or planning
> to build one.
>
> No new photos (I've gotta buy a good digital camera, if I can convince the
> XYL of it's necessity.) However, I've included schematics of the
> preselector circuit, the broadband 80m input filter that I borrowed from
> SPRAT, included my revised oscillator mixing scheme, and added block
> diagrams of the relay activated switching design by W3TS.
>
> Further refinements to come will be a complete list of the vendors that I
> purchased parts from while building the receiver.
>
> Hopefully, I'm doing the Progressive Receiver "proper press."
>
> For those interested . . .
>
> 73s
> Ed AA3SJ
> Always Building Something!
>
>

Date: Sat, 17 Feb 2001 09:39:19 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: <dandooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [91931] RE: A cool web browser
Message-ID: <NEBBJCAPOLCDGKDKJPGGLCEAECEAA.rmccarty@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks Dan, A post with a reasonable understanding of what -really- is going
on! I'll make this a one time OT post for the benefit of fellow Qrp'ers,
perhaps suffering from frequent system wide problems.

Having studied the ins in outs of the MS operating systems for some time
now, I can say without reservation that perhaps 90% of all system wide
crashes are NOT the Microsoft OS doings. Rather, it is (usually) a hardware
device or software program that accesses memory or a system resource
directly (Not under the control of the OS), then suffers some sort of
problem and ties up or freezes that chunk of memory or system resource (even
if/after the problem program is shut down).

WHEN another system process then tries to access this frozen memory or system resource, it can't and you get the GPF, or "blue screen of death" system crash.

What sort of hardware or software might do this? Any that are programmed to bypass the OS, or uses a portion of system memory for their functionality in lieu of firmware for, example, WINmodems. Any software that allows direct access to video or audio cards or resources are highly suspect. Mainly....Games.

As an example, assume a gaming program is using the audio card directly, without allowing the OS to control the access. A problem occurs within the game as it relates to that sound card, and it stops responding. You shut down the game and go about your business however, the resources for the audio card are frozen (metaphorically speaking) by the fault in the prior program. Your system will probably go right on working until.., the next time the audio resources are accessed for example, a little "ping" or "click" from within the OS. Bingo, GPF or blue screen. Solution? Shut down the system and allow the OS to reclaim that frozen resource.

Why would MS allow direct access to these resources? Because the GAMERS (a predominant group among consumer computer users) demand the speed, direct access to these resources can provide (Note; DirectX is MS attempt to allow direct access while still retaining control of the process however, many of the aforementioned culprits simply do not adhere to the stringent requirements imposed upon them by DirectX). Other times, (as in the case of the WinModem) it is a matter of a developer taking advantage of OS loop holes to lower the costs of device firmware costs.

Why is NT and Windows 2000 more reliable? Because the OS does not allow direct access to system resources and memory....., period. (Explains why OS business versions are not as good for gaming). All processes are directly under the control of the Kernel and any problem that may develop in a peripheral device and/or software thread, are simply shut down by the OS while still retaining control of all resources, making them available to any future system procedural calls.

You say you know of people that experience GPF's with NT? Yep, that's because they are using hardware or software not in the published compatibility list. If you want the ultimate in reliability, you must play by the rules.

My point is folks that there is allot to know about the underlying operating principals of our computers, that are not at all obvious to us from the graphical displays that we see on our monitors. This is also true regarding what goes on inside a radio while we merely operate the controls on the front panel. Just like knowing about radiation resistance, propagation and

SWR allows us to optimize our QRP stations exp, knowing the inner workings of your computer system will allow you to keep it working at peak efficiency. Blaming it for EVERYTHING that goes wrong, is akin to blaming your paddle set for sending bad CW. Knowledge is power.

Lest anyone assume I am a Microsoft "Groupie". Nope, not me. Lots of things I do not like about MS. But that is not for this discussion. I am amazed however, with what Microsoft has been able to accomplish. After working on literally thousands of computers and/or networks (I am in the business), I have NEVER seen two systems exactly alike. Carrying that forward, it implies our computers are as individualistic as our fingerprints. And yet, the OS can accommodate this vast array of variables, and still work at the very minimum, reasonably well. I think that's quite an accomplishment.

Roger KD6CC

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Dan W. Dooley
Sent: Saturday, February 17, 2001 6:09 AM
To: Low Power Amateur Radio Discussion
Subject: Re: A cool web browser

I agree. If a computer system is crashing on a daily basis, let's don't blame MS (or whoever) for the problem. There's something wrong with that system. Windows is a buggy OS. We all know that, but not THAT buggy.

<<Snip>>

Date: Sat, 17 Feb 2001 12:47:35 EST
From: K9nk@aol.com
To: <qrp-1@lehigh.edu>
Subject: [91932] Building a Norcal Doublet
Message-ID: <a2.1039bb6c.27c01338@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi - Can someone give me instructions on how to build a Norcal Doublet? I believe it works 40-10. I would like to build a smaller one for 20-10 can someone take let me know what

the dimensions are?

Thanks everyone!

72's - Norm - K9NK
k9nk@aol.com

Date: Sat, 17 Feb 2001 12:00:26 -0600
From: MIKE SOUHRADA <wb9iog@revealed.net>
To: hrg@cifnet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91933] Re: MFJ 259B vs. Vectronics 584B
Message-ID: <3A8EBC3A.919A6C45@revealed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Mike D.

Mike

I got mine about four days after I went to the local store and ordered it there. They can tell if it's in stock at the warehouse. You might check for availability.

Looks identical and works as the 259B. It will replace my 259 that developed a switch problem on the frequency select switch. Much different but had expected a door for the batteries but not so. Still had the 8 screws but inside is made much different than the 259. Uses 10 batteries rather than 8 also.

One list member had some complaints on a missing button and a loose screw inside.

Mine is fine no problem. I couldn't pass on the \$150 price.

Mike J.

Iowa

> Has anyone determined with certainty, that the MFJ 259B is the same (or
> different) as the Vectronics 584B?
> 73 de Mike, N9BOR

Date: Sat, 17 Feb 2001 13:22:12 EST
From: DYARNES@aol.com
To: qrp-1@lehigh.edu
Subject: [91934] Portable Power Unit At Sears

Message-ID: <8f.70525c3.27c01b54@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Sears is running an ad this weekend about a portable power unit which seems like a pretty good deal. It sells regularly for around \$50 (too much obviously), but is on sale for around \$30 (much better!). There are lots of these types of units around, but I stopped and looked at it, and it looked pretty good to me. The big selling point is that, according to the box, it contains a 10 amp/hr battery vs. 7 amp/hr or smaller in most of the units I have seen (and purchased) in the past. The unit also has a built in charger, so you just plug in an extension cord for charging. The case is pretty similar to others. There is a test button to see if the unit is charged, and the unit also indicates when it is fully charged and switches to a trickle charge.

Anyway, I bought one and charged it overnight. Before charging it showed an indicated voltage of about 12.4 volts. It did indeed "go green" after about 8 hours of charging, and after sitting for a while, now shows a fairly steady 13.3 volts. I think this may be a good buy. It is called a "Mighty Mite" and is made by Schumacker.

On another note, I also had ordered the Heartland America power unit described and discussed previously. Mine came the other day, and I also gave that an initial charge. It is now here on my operating table and shows a fairly constant 13.04 volts. That seems acceptable to me. This unit is called "Pocket Power" and is made by Vector. For those wanting to compare with other suppliers, the model number is VEC018.

There is also a model VEC017 (called the "Pocket Power Junior") which I have seen at Target for \$20. That battery is much smaller, but it is exactly the same setup (with a cig. lighter socket) except for size. For \$40 at Target you can buy what appears to be the same, larger battery, along with a 50 watt AC power inverter. That would run a computer on an airplane very nicely if your internal battery died! This is also a Vector brand product.

So, lots of options out there! By the way, the Sears sale apparently only runs through Monday (Presidents' Day) if you're interested.

Dave W7AQK

Date: Sat, 17 Feb 2001 13:27:20 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [91935] **Last Call** for the QRPers Contest Calendar 2001

Message-ID: <016201c0990f\$44806c00\$a90f5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Everyone,

No orders will be taken after March 1, 2001 @ 00:00 UTC
for the calendar. So if you would like a copy it has to be
post marked before the above date. Thank you to those hams
that helped make this project a successful one.

v v v v v Original E-mail for the Calendar. v v v v v

If you have reserved a calendar and you did not send
in you money, please do so soon. The cost is \$10. If you
would like a calendar please e-mail me with your name,
call and amount of calendars.

=====

The Eastern PA QRP Club still has copies of the
2nd Annual QRP Contest Calendar for 2001 in stock.
You can find detailed information at: www.n3epa.org

Check out the comments from some of the
hams that have already received their calendar.

It is photographic quality with color pictures, this will be
100% better than our first calendar. We will mail the
calendar out on the Saturday after I receive you check or
money order.

This calendar will list QRP contests and contests with QRP
categories. It will be a fold-out style that you can hang on
your wall next to your rig. There will be a lists of Web sites
and contest managers calls. The Web site addresses will
have the contest rules plus much more. The color pictures
will feature the winners of kit-building contest that are held at
the different QRP forums or conventions throughout the year.
This is really a handy calendar to have in the shack. The
calendar will measure 11" x 17" when open. It will be in color
and B&W format, with the pictures and information on the top
half.

Order Now!

72 & 73
Good DXing

Ron Polityka
de N3EPA
n3epa@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
www.n3epa.org

Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

Date: Sat, 17 Feb 2001 19:46:52 +0100
From: "Hans Kaper" <hanskap@kaper-1.tmfweb.nl>
To: <qrp-1@Lehigh.EDU>
Subject: [91936] [ANT] Inverted VEE question
Message-ID: <000701c09912\$21ccb9e0\$1301643e@tm981195>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I am thinking about an inverted VEE antenna, but I would like to influence the direction of radiation.

Suppose I have a mast or pole of let's say 10 meters high (= 33 ft)
Now I have a couple of possibilities: I can hang the center of a wire-dipole in the top of the mast and span it to east and west so that the fastening-points (FP) and the foot of the mast are in one line E-W. That's one possibility. Now I can (to keep things simple) move the FP north, so that the foot of the mast and the 2 FP are in a triangle configuration, the mast being a bit south of the 2 FP

Is there anything to say about the direction in which an inverted VEE will radiate and what the influence is of the "tilting" I described above? If there is an influence, which direction would be the best in the above example?

I guess I can feed the dipole either with coax for a tuned dipole or via a balun and open line or ladderline for a multiband antenna.

Hope you have any suggestions.

Hans Kaper, PA3HGM (qrp-1 2262)

Date: Sat, 17 Feb 2001 15:32:41 +0000
From: Larry S Cahoon <wd3p@juno.com>
To: dragonsinger@earthlink.net, qrp-1@Lehigh.EDU
Subject: [91937] Re: Just read the QST review of the K2
Message-ID: <20010217.185449.-502869.0.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

On Sat, 17 Feb 2001 00:49:57 -0600 Dragon Singer
<dragonsinger@earthlink.net> writes:
>
> all I
> can say is WOW! The next thing that went through my mind is " I
> wonder if
> anyone would trade a K-2 for an Ic 706MkII with Voice Synth?" Hi Hi
>

The short answer is NO!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

73 de Larry.....WD3P in MD
K2 #664
K1 #124
Ic 706 MkII - None

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Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sat, 17 Feb 2001 13:59:02 -0500
From: "Victor Blackwell" <victor@brechnet.com>
To: <hanskap@kaper-1.tmfweb.nl>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [91938] Re: [ANT] Inverted VEE question
Message-ID: <006601c09913\$b27c68e0\$4c5730d1@victor>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I did not see what band you will be on but if you on 80 or 40 it will not be directive. Too low to ground.

Vic AD8K
Subject: [ANT] Inverted VEE question

>Hello,
>
>I am thinking about an inverted VEE antenna, but I would like to
>influence the direction of radiation.
>
>Suppose I have a mast or pole of let's say 10 meters high (= 33 ft)
>Now I have a couple of possibilities: I can hang the center of a wire-
>dipole in the top of the mast and span it to east and west so that the
>fastening-points (FP) and the foot of the mast are in one line E-W.
>That's one possibility. Now I can (to keep things simple) move the FP
>north, so that the foot of the mast and the 2 FP are in a triangle con-
>figuration, the mast being a bit south of the 2 FP
>
>Is there anything to say about the direction in which an inverted VEE
>will radiate and what the influence is of the "tilting" I described above?
>If there is an influence, which direction would be the best in the
>above example?
>
>I guess I can feed the dipole either with coax for a tuned dipole or via
>a balun and open line or ladderline for a multiband antenna.
>
>Hope you have any suggestions.
>
>Hans Kaper, PA3HGM (qrp-l 2262)
>

Date: Sat, 17 Feb 2001 13:37:41 -0600 (CST)
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-l@lehigh.edu
Subject: [91939] ARRL DX CONTEST - 40m
Message-ID: <Pine.SOL.4.03.10102171327580.6902-100000@sunburst.usd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang:

If you haven't checked into the 40m part of the ARRL DX Contest now underway, you're missing some real fun!

For some strange reason, the line noise went away Fri. night. Thurs. night it was so bad that I never actually copied the FOX's call although he was in there. Fri. night you could hear a pin drop..or some such! :)

I went at it with the usual pessimism -- hey, it's 40m stuffed with KW's and weak DX sigs! BUT, surprise!

I put in 6 hours before the "lights went out" to EU at 0900-0910. Light switch went off, almost literally, except for the G's, i.e. MD/DL5AXX, M6C etc.

Interesting QSO rate. first 4 hours = 11 QSO's, hr. 5 = 10, hr. 6 = 8.

For my ant (G5RV oriented the wrong way up only 48ft), a QSO rate of 11/hr mostly into EU is phenomenal.

I ended up with 71 QSO's in 47 countries -- mostly EU, but one VK4! I can't believe the 47 countries part yet!

Still tonight left -- I wonder if I can even reach 100 QSO's?

I got to thinking while S&P'ing. If I had 100w or even a KW, how much better would I have done? I'd have worked maybe 25 more stns because the real limit would be what I could hear. Now, the only thing to really improve the situation would be a blockbuster ant -- a 2-el yagi at 90-ft. Then I would hear a whole lot more stns, and naturally, I'd work'em.

It all comes back to the antenna, doesn't it?

So, get in there and shoot for a 5-10 QSO rate /hour to be reasonable. The fun is the greatest!

72, Ade

Date: Sat, 17 Feb 2001 13:52:12 -0600
From: Dragon Singer <dragonsinger@earthlink.net>

To: qrp-1@Lehigh.EDU
Subject: [91940] the Exchange
Message-ID: <5.0.2.1.0.20010217135135.00ae5e68@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

What's the exchange for the ARRL contest?

73

Yours very Sincerely and Respectfully

Wayne M. Scace
&
Leader Dog Sequoia

dragonsinger@earthlink.net
ICQ#315313
Amateur Callsign AB9BM
FISTS#4409 QRP-L #2313

Date: Sat, 17 Feb 2001 15:03:27 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: <dragonsinger@earthlink.net>
Cc: ". QRP-L" <qrp-1@Lehigh.EDU>
Subject: [91941] Re: the Exchange
Message-ID: <020401c0991c\$b1a52ca0\$a90f5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

US = RST and State
DX = RST and power

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1 ARRL Life Member
KL7 QRP # 309 G-QRP # 3031
ARCI QRP # 5318 10 - X #13173
NorCal Zombie #625
ARS # 380 HI QRP #153
VA QRP Society #45 MI QRP #1703
K2 sn1392 NJ QRP #179

Date: Sat, 17 Feb 2001 15:27:02 -0500
From: "Don Wilhelm" <w3fpr@arrl.net>
To: <dandooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [91942] Re: A cool web browser
Message-ID: <007501c09921\$5153f0c0\$13440f3f@dbw11main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dan and all,
I agree that a computer that crashes often has a hardware problem - the most
common in my experience is a hardware conflict - like IRQs or mapped memory
space - Windows usually will reveal these conflicts in its Device Manager.
If there are no hardware conflicts, the the problem is usually due to bad
memory.

We had a spell where my wife's computer would hang up - usually only when
connected to the internet. Re-plugging the memory seemed to cure it - my
conclusion is that the memory sockets developed some bad connection which
was corrected by the abrasion created when the SIMMS were unplugged and
re-plugged. Your mileage may vary.

73,
Don Wilhelm -Chapel Hill, NC W3FPR home page:
<http://www.w3fpr.webprovider.com>
QRP-L # 485 K2 SN 0020 mailto: w3fpr@arrl.net

----- Original Message -----
From: "Dan W. Dooley" <dandooley@pipeline.com>

> I agree. If a computer system is crashing on a daily basis, let's don't
> blame MS (or whoever) for the problem. There's something wrong with that
> system

Date: Sat, 17 Feb 2001 16:56:42 -0500
From: "Brian Murrey" <bmmurray@amexol.net>
To: <w3fpr@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91943] Re: A cool web browser
Message-ID: <000701c0992c\$84dc1340\$8b486f40@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here's the fix....in my past I have managed many help desk operations and this is what we normally have the end lusers....er I mean users....do when they experience problems with their unix and windows PC's. (Like the cup holder won't work)

1. Locate the Power Switch to your PC.
2. Determine the current position of this switch.

(Is it in the O-N or the O-F-F position)

3. Regardless of switch position, begin cycling the ON/OFF switch quickly from one position to another. (Example: If in the O-F-F position, move it to the O-N position and back to the O-F-F position, rapidly and consecutively)
4. Continue this rapid and continuous cycling of the ON/OFF switch until you can see the bad smoke leaving the computer. This may take several minutes.

There. All fixed.

----- Original Message -----

From: "Don Wilhelm" <w3fpr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, February 17, 2001 3:27 PM
Subject: Re: A cool web browser

> Dan and all,
> I agree that a computer that crashes often has a hardware problem - the most
> common in my experience is a hardware conflict - like IRQs or mapped memory

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> <http://www.w3fpr.webprovider.com>
> QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)
>
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that
> > system
>
>
>

Date: Sat, 17 Feb 2001 17:11:25 -0500
From: "Victor Blackwell" <victor@brecnet.com>
To: <bmurray@amexol.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [91944] Re: A cool web browser
Message-ID: <003101c0992e\$9267dec0\$555730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Is the mail reflector screwing up? A lot of computer stuff has been coming thru.

-----Original Message-----
From: Brian Murray <bmurray@amexol.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Saturday, February 17, 2001 4:50 PM
Subject: Re: A cool web browser

>Here's the fix....in my past I have managed many help desk operations and
>this is what we normally have the end lusers....er I mean users....do when
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>

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>

>

>----- Original Message -----

>From: "Don Wilhelm" <w3fpr@arrl.net>

>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

>Sent: Saturday, February 17, 2001 3:27 PM

>Subject: Re: A cool web browser

>

>

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>> <http://www.w3fpr.webprovider.com>
>> QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)
>>
>> ----- Original Message -----
>> From: "Dan W. Dooley" <dandooley@pipeline.com>
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don't
>> > blame MS (or whoever) for the problem. There's something wrong with
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>> > system
>>
>>
>>
>

Date: Sat, 17 Feb 2001 16:18:50 -0600
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [91945] Re: Contest QSLs
Message-ID: <200102172219.RAA08619@maynard.mail.mindspring.net>

No, you don't need to be the first one to send a QSL for a contact if you don't care about QSLs, unless the other op asked you to do so and you agreed (or at least, didn't decline.)

However, if someone sends you their QSL first and requests a reply, it is just common courtesy to respond. Yes, it is nice if they send an SASE. If you really are strapped for a stamp and they didn't SASE, OK. Otherwise, you should respond. For the DX stations, use the bureau if you prefer.

QSLing contests has never been unacceptable. It's a perfectly legitimate contact, you exchanged some kind of meaningful information on both sides. I've been licensed going on 20 years and have never hesitated to QSL a contest contact if I had reason to do so. Many list members QSL fox hunt contacts, don't they?

As for DX stations not needing W QSLs, maybe some don't. But some undoubtedly do. They may be collecting QRP numbers or 10-X, or working on any number of awards. They might use those QSL cards as promotional tools to get kids in their country

interested in radio, did that occur to you? If they say "PSE QSL" on the air or on their card (assuming I didn't send my card already) then I am going to respond. And I think you should do so as well.

Yes, I realize not everyone "collects" QSLs or award certificates. But those who do are equal participants in ham radio, and, after all, didn't they just give you a QS0 in that contest or whatever? It's only fair to respond to the QSL request.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Sat, 17 Feb 2001 22:52:27 +0000
From: Brendan Minish <EI6IZ@oceanfree.net>
To: bill@bmorgan.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91946] Re: Anti-Skid Material for Key
Message-ID: <5.0.2.1.2.20010217224858.00adce10@mail.oceanfree.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:00 17/02/2001 -0800, Bill Morgan wrote:

> My paddle
>hasn't moved since.

It's not my paddles that are slipping, it's the rest of my shack!

--

Brendan Minish EI6IZ
ei6iz@oceanfree.net
PGP key available from key servers [wwwkeys.pgp.net](http://www.keys.pgp.net)

Date: Sat, 17 Feb 2001 16:51:36 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91947] Re: ARRL DX CONTEST - 40m
Message-ID: <001901c09934\$2f964420\$a1703ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Good job Ade!

I wasn't planning to operate the contest but I got on 40m at my midnight and worked 10 countries before going to bed at 1:00 AM. 5W and an inverted-L antenna that my SGC tuner is only getting the SWR down to about 2.5:1 at present on 40m because another recent antenna in the near-field disturbed things a bit. Maybe I'll see what I can do tonight. I wish I had the time to put in a real effort with a better antenna. But even with nearly everyone else running 1kW I found it pretty easy to work the DX.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Sat, 17 Feb 2001 17:05:56 -0600
From: Monty N5FC <n5fc@io.com>
To: AQRPEgroups.com, qrp-l@Lehigh.edu
Subject: [91948] HB: Antenna Switch
Message-ID: <4.3.2.7.1.20010217170012.00acc9f0@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey Gang!

Frustrated that no one offered a commercial antennas switch that could be used with open-wire feeders, I elected to build my own. I've been using it for about 3 months now, and I gotta say this is one of the more useful projects I've built... gets used every day. It switches 3 antennas to two tuners, and provides grounding and static dissipation, all for about \$20 in parts. Check it out on my web page at:

<http://www.io.com/~n5fc/>

and scroll down to the "QRP Open-Wire/Twinlead Antenna Switch".

I think you'll like it!

72,
monty N5FC

Monty Northrup, N5FC
Austin, Texas
e-mail: n5fc@io.com
web page (ham radio): <http://www.io.com/~n5fc>

web page (home): <http://www.io.com/~maddog>

Date: Sat, 17 Feb 2001 17:08:02 -0600
From: Anthony Bailey <abailey@clas.net>
To: paul.conant@lmco.com
Cc: QRP <qrp-1@lehigh.edu>
Subject: [91949] Re: Vectronics QRP Kits - crystal needed
Message-ID: <v04210100b6b4b2be7a00@[192.168.0.17]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Hello Paul, I've got the VEC 1140k and 1240k pair. Glad to hear that yours is working fine. My receiver works pretty good however with it connected to my transmitter and then my transmitter connected to a 40M dipole I've got a serious overload problem when I try to transmit, serious enough that I have to turn the rcvr off when I transmit. I've been in contact with Vectronics about it, so far no fix yet. Mine is setup for 7.040 and 7.122 MHz. One mod that was made to mine is a switch disconnecting the base of Q3 (2n2222) to use it for freq spotting and as a code practice oscillator.

Tony

>I've been using the Vectronics VEC-1130K and VEC-1230K rcvr and xmtr pair on
>30-meters for several months now with good results. These kits went
>together well and have been fun to use. They do not have features present
>in the more popular rigs, but have given me a very enjoyable introduction to
>QRP operation. I have been pleasantly surprised by the contacts one can
>make with the xmtr's 1-watt or so power out and a low-slung dipole.

>

>I would like to hear the experiences of others who have used these kits on
>any of the bands for which they are available (20/30/40/80) and would like
>to know about any mods they have made.

>

>One of the features I like in the VEC-1230K xmtr is that it has a place on
>the circuit board for a second crystal and a front panel switch for
>switching between the two. The rig comes with a 10.108 MHz crystal. I'd
>like to get my hands on one for 10.116 MHz. If anyone has one they can part
>with, please contact me directly.

>

>73,

>

>Paul, WQ5X

Sent from Anthony Bailey KC0HZP (<mailto:abailey@clas.net>)

on a PowerComputing PowerBase 180 in Marble Hill, Missouri

Date: Sat, 17 Feb 2001 18:13:45 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91950] Don't know which way is up??
Message-ID: <005e01c09937\$48c20620\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don't know which way is up? Well, neither does the sun
right now!

It's magnetic poles have just reversed.

While that may be neat in itself, it IS interesting as it does
signal a solar maximum...

The article is at:

<http://www.cnn.com/2001/TECH/space/02/16/sun.flips/index.html>

Mike

Date: Sat, 17 Feb 2001 18:33:34 EST
From: K4IA@aol.com
To: bowerm@ix.netcom.com
Cc: qrp-1@lehigh.edu
Subject: [91951] Re: RS vs Heartland America power supply
Message-ID: <67.fdc1579.27c0644e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Team one of these up with the solar battery charger on sale at Radio Shack
for \$9.99 and you can disconnect from the power grid. Mine charged up FB
this afternoon.

Radio K4IA

Craig Buck
Fredericksburg, Virginia USA
QRP ARCI #2550 FISTS #6702 CC 788

For cheap long distance, 800#s and more
Tune to http://www.ld.net/?bucksavers

4.9 cents/min - no monthly fees

Date: Sat, 17 Feb 2001 18:37:04 EST
From: RangerSF5@aol.com
To: yaesu@qth.net, qrp-l@lehigh.edu
Cc: fox_tango@qth.net
Subject: [91952] Re: 901 DM MIC wireing
Message-ID: <b7.b8f3b3d.27c06520@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
I'm trying to get a D-104 MIC wired up to the FT 901 DM.
One side of the MIC goes to pin 1 with one wire from the PTT switch.
The other MIC wire goes to pin 2 alone and the other PTT wire goes to pin 3.
Before I make the final hook up I need to know where the red and black wires
from the 9 volt battery go.
Also the MIC wires are yellow and green but when I opened up the plug,
the yellow wire was folded back and a white wire was used but I changed them.
The RX goes dead when I key the MIC but no audio.
The paper work I have is just for the standard MIC with no amp.
Any help is greatly appreciated
Thanks and have a great weekend
Bob
WA2HOQrp <tm>

Date: Sat, 17 Feb 2001 15:45:09 -0800
From: Wes Hayward <w7zoi@easystreet.com>
To: qrp-l@Lehigh.EDU
Cc: Roger & Kerri at home <rhayward@easystreet.com>, Russ Carpenter
<Russ@natworld.com>
Subject: [91953] FT-817 Measurements
Message-ID: <3A8F0D05.5D14C431@easystreet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On the evening of Feb.12th Roger (KA7EXM) brought his new FT-817 transceiver over to the shack for a measurement session. I had the spectrum analyzer and signal generators warmed up ahead of time, primed for receiver evaluation.

The results of our examination are presented here for those curious about FT-817 performance. Measurement methods and results are emphasized over subjective details, for we don't really wish to participate in comparative debates pitted against other commercial equipment that we have not used or studied.

The first experiment was a direct measurement of input intercept, IIP3. Our two-tone generator was set up, calibrated, and working well at 0 dBm per tone. The crystals in the homebrew generators provided a 25 kHz tone spacing. I asked Rog to dive into the 817 menus and shut the AGC down. Although the display said "AGC off," there was still AGC action when we tuned to one of the strong tones. A reduced amplitude S-meter indication remained. We played with the box and even looked at the manual, concluding that it is not possible to completely mute the AGC system. Perhaps the radio contains dual loops, one at each IF, and the user can only silence that in the 455 kHz IF. The "off" position was sufficient for IMD measurements.

We adjusted the two-tone source and proceeded with intermod measurements. The sources were combined a 6 dB hybrid followed by a HP-355 C and D step attenuator set. With receiver inputs of -39 dBm per tone, the third order input intercept on 20 meters (no internal attenuation) was +1.5 dBm. The radio was reasonably well-behaved during the measurements. Filter stopband attenuation seemed good, but there were some discrete synthesizer spurs. While they did not hamper our IMD measurements, some were louder than the IMD products we measured. There was also some wideband phase noise that was easily observed, but was not severe. We didn't take the time to quantify either the noise or synthesizer spurs.

We then did a direct MDS measurement using the same weak signal source that appeared in the July 1975 QST paper. The source was augmented by the HP-355 attenuator set. The weak signal source has been re-calibrated several times over the years, although long term amplitude stability has been amazingly good. We measured the receiver audio output with an HP-3400 RMS Voltmeter. Measured 14 MHz MDS was -136 dBm with the 500 Hz filter and -129 dBm with the 2.2 kHz filter.

The next evaluation was a direct measurement of noise figure using a homebrew noise source with a Noise/Com Zener diode. The source had been calibrated against a noise source in one of the RF Labs at TriQuint Semiconductor, for the marketing person at Noise/Com told me that they

no longer calibrated ham-built sources. Others have, since then, been able to use the calibration offered in the original Sabin QST paper, so we don't know what the Noise/Com policy really is. See Sabin's outstanding paper in QST, May, 1994. We measured a NF of 12.4 dB at 14 MHz.

We can calculate MDS from the NF measurements. In both narrow and wide bandwidth, the calculated MDS is a bit higher (1 to 1.5 dB) than the value we measured directly. We must contend with the statistical variations of the audio meter when doing a direct measurement. These can be significant, especially with the narrow filter. (I need to modify my HP-3400A meter with damping capacitors!) The bandwidth invariant noise figure determination is the better measurement.

The 12 dB NF is completely adequate for HF applications. However, lower NF would be better at VHF and UHF. Since this is of great importance to Rog, we looked at 144 and 432 MHz where we measured 9.2 dB. While even lower NF would be useful, especially for our portable VHF operating treks, this is probably a good tradeoff for the urban user. (We didn't look at the 6 meter number.)

This was actually our second measurement session. The first, shortly after Roger got the transceiver, included the usual subjective listening experiments. I was impressed by the clean AGC. At that time we also did power output measurements on all bands up through 432 MHz, and it was flat at 5 watts within our measurement ability. The spectral purity was also outstanding. Nowhere did we see spurious outputs exceeding the 2002 FCC specifications, which is the personal threshold for "cleanliness" that I have adopted. (See Campbell, QST Technical Correspondence, June 1998, p61.) We did note a wideband noise floor coming from the transmitter when operating in the HF bands. This noise was not apparent at VHF/UHF. Examination of the design is consistent with such performance. We also looked at power consumption at that time, noting high, band-dependant current.

Summary: IIP3=+1.5 dBm, MDS=-136 dBm in 500 Hz BW and -129 dBm in 2.2 kHz BW, two-tone third order dynamic range=92 dB at 14 MHz, NF=12 dB at HF and 9 dB at VHF/UHF. Receiver Factor = -11 dBm.

The reader should examine the various reviews in the ARS Sojourner for comparisons. Several receivers are coming in with Receiver Factors around 0 dBm. The best amateur receiver I know of is a homebrew unit with RF=+35 dBm (NF=10 dB and IIP3=+45 dBm.)

Further measurements are planned and will probably be performed and published by AA7QU in the Adventure Radio Society's Sojourner. Russ has much more extensive measurement equipment that we do.

Roger took the transceiver home to investigate PSK-31 and continue experiments with his portable VHF/UHF antennas. (See Kent Britain, WA5VJB, "Some Really Cheap Antennas," CQ VHF, August 1998. Also in 1994 Proceedings of Central States VHF Society, p. 58.) Since getting the box in November, Roger has used it for short operating stints in several contests on both CW and SSB at HF. We also used it on both CW and SSB on 50, 144, and 432 MHz during the VHF SS when we snowshoed up a ridge near Oregon's Mt. Hood.

All of our evaluation impressions, measured and subjective, are positive, although reduced current would be a bonus. The receiver is not "competition grade," but is reasonable for an all-band portable box. The box would be ideal as an IF for microwave transverters as well as for general purpose mountain-topping at both HF and VHF. The small size for so much performance is truly mind bending.

The methods used for these measurements are not new, and have now been in extensive use for a quarter of a century. They are detailed in numerous ARRL book including Solid-State Design for the Radio Amateur, Introduction to Radio Frequency Design, and the Handbook.

73, Wes

Date: Sat, 17 Feb 2001 18:44:48 -0500
From: rich a <rckchp@home.com>
To: K4IA@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91954] Re: RS vs Heartland America power supply
Message-ID: <3A8F0CF0.F750E2F6@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

K4IA@aol.com wrote:

>
> Team one of these up with the solar battery charger on sale at Radio Shack
> for \$9.99 and you can disconnect from the power grid. Mine charged up FB
> this afternoon.
>
> Radio K4IA

Now out of stock.

End of QRP-L Digest 2101
